ABSTRACT OF THE DISCLOSURE

Data communication is carried out between nodes each not having a global address. In a network management system in which a first network and a second network which have the different address systems are connected to each other through an address translator, each of the first and second networks has a node and a management protocol proxy; and each of the management protocol proxies includes a management protocol proxy data generating unit for treating, as management protocol proxy data, a transmission source address, a transmission destination address and data in a protocol data unit which are contained in a packet of a management protocol sent from the associated one of the nodes, and an address translation unit for translating the address information in the protocol data unit contained in the management protocol proxy data sent from the other management protocol proxy.